



CH2MHILL

May 13, 2003

Ms. Kristy Chew
Siting Project Manager
California Energy Commission
1516 Ninth Street, MS-15
Sacramento, CA 95814

RE: Data Responses, Informal Set 17
Cosumnes Power Plant (01-AFC-19)

On behalf of the Sacramento Municipal Utility District, please find attached 12 copies and one original of the Informal Data Responses, Set 17. This filing contains the following exhibits from the May 12, 2003 hearing:

Exhibit 5: Summary of Special-Status Species Habitat Compensation (in acres).

Exhibit 6: Summary of Impacts to Wetlands/Waters of the U.S.

Exhibit 7: November 19, 2002 memo from the Southeast Area Community Planning Advisory Council.

Please call me if you have any questions.

Sincerely,

CH2M HILL

John L. Carrier, J.D.
Program Manager

c: Colin Taylor/SMUD
Kevin Hudson/SMUD
Steve Cohn/SMUD

COSUMNES POWER PLANT (01-AFC-19)

INFORMAL DATA RESPONSE, SET 17 (HEARING EXHIBITS)

Submitted by
**SACRAMENTO MUNICIPAL
UTILITY DISTRICT (SMUD)**

May 13, 2003



2485 Natomas Park Drive, Suite 600
Sacramento, California 95833-2937

EXHIBIT 5

Summary of Special-Status Species Habitat Compensation (in acres).						
Habitat/Species Affected	Permanent Impact	Temporary Impact	Mitigation Ratio	Total Compensatory Habitat	Mitigation Location	Total acres
Giant Garter Snake aquatic and upland habitat	0	41.5	1:1	41.5	Wildlands, Sacramento County	41.5
Vernal Pool Fairy/Tadpole Shrimp vernal pools and ponding habitat	2.967 direct	6.877 indirect	3:1 direct 2:1 indirect	19.7 Preservation 3.0 Creation	Laguna Creek Mitigation Bank for preservation. Wildlands, Sheridan for creation	22.7
California Tiger Salamander aestivation habitat	0	30	NA	Included with Vernal Pool Fairy Shrimp Habitat	Laguna Creek Mitigation Bank	NA
Swainson's Hawk forage habitat	30	23.9	1:1	53.9	Laguna Creek Mitigation Bank	53.9
Total	32.967		3.6			118.1

EXHIBIT 6

Temporary Impacts to Wetlands/Waters of the United States

Impacted Wetlands/Waters ¹	Gas Pipeline ROW (acres)	CPP & Laydown/Parking (acres)	Mitigation Ratio	Total Mitigation (acres)	Mitigation Location
Vernal Pool	0	0.027	1:1	0.027	Creation at Wildlands' Sheridan Site
Subtotal	0	0.027	1:1	0.027	
Seasonal Wetland	0.904	1.028	1:1	1.932	Restoration At Impact Site
Freshwater Marsh	0.106	0	1:1	0.106	Restoration At Impact Site
Rivers and Streams	0.018	0.110	1:1	0.128	Restoration At Impact Site
Seasonal Swales	0.185	0.029	1:1	0.214	Restoration At Impact Site
Drainage Ditches	0.510	0	1:1	0.510	Restoration At Impact Site
Subtotals	1.723	1.167	1:1	2.890	
Totals	1.723	1.194	1:1	2.917	

EXHIBIT 6

Permanent Impacts to Wetlands/Waters of the United States

Impacted Wetlands/Waters ¹	Gas Pipeline ROW (acres)	CPP & Laydown/Parking (acres)	Mitigation Ratio	Total Mitigation (acres)	Mitigation Location
Vernal Pool	0	0.088	1:1	0.088	Creation At Wildlands' Sheridan Site
Subtotal	0	0.088	1:1	0.088	
Seasonal Wetland	0	0.127			Creation At Wildlands' Sacramento County Site
Freshwater Marsh	0	0.285			Creation At Wildlands' Sacramento County Site
River and Stream	0	0.352			Creation At Wildlands' Sacramento County Site
Seasonal Swales	0	0.455			Creation At Wildlands' Sacramento County Site
Subtotals	0	1.219	16.4:1	20.0	
Totals	0	1.307		20.088	

¹ Total amount of wetlands/ Waters of the U.S. found within the project area were determined by the Corps of Engineers (Corps) to be approximately 47.08 acres (Corps letter dated February 19, 2003). Total temporary and permanent direct (fill) impacts to wetlands/ Waters of the U.S. is 4.224 acres. The project design avoids direct impacts to over 91 percent (42.856 acres) of the wetlands/ Waters of the U.S determined by the Corps to be present.

EXHIBIT 6

Summary of Impacts to Wetlands/Waters of the U.S.

Impacted Wetlands/ Waters	<i>Temporary Impacts</i>					<i>Permanent Impacts</i>				
	Gas Pipeline ROW (acres)	CPP & Laydown/ Parking (acres)	Mitigation Ratio	Total Mitigation (acres)	Mitigation Location	Gas Pipeline ROW (acres)	CPP & Laydown/ Parking (acres)	Mitigation Ratio	Total Mitigation (acres)	Mitigation Location
Vernal Pool	0	0.027	1:1	0.027	Creation Wildlands, Sheridan	0	0.088	1:1	0.088	Wildlands, Sheridan
Subtotal	0	0.027		0.027		0	0.088	1:1	0.088	
Seasonal Wetland	0.904	1.028	1:1	1.932	Restoration At Impact Site	0	0.127			Wildlands, Sacramento County
Freshwater Marsh	0.106	0	1:1	0.106	Restoration At Impact Site	0	0.285			Wildlands, Sacramento County
River and Stream	0.018	0.110	1:1	0.128	Restoration At Impact Site	0	0.352			Wildlands, Sacramento County
Seasonal Swales	0.185	0.029	1:1	0.214	Restoration At Impact Site	0	0.455			Wildlands, Sacramento County
Drainage Ditches	0.510	0	1:1	0.510	Restoration At Impact Site	0	0			Wildlands, Sacramento County
Subtotals	1.723	1.167	1:1	2.890		0	1.219	16.4:1	20.0	
Totals	1.723	1.194		2.917		0	1.307		20.088	

EXHIBIT 7

(OPS.)
Planning
SOUTHEAST AREA COMMUNITY PLANNING ADVISORY COUNCIL

November 19, 2002

Dear Community Member,


Thank you for attending the regular meeting of the Southeast Area Community Planning Advisory Council on Thursday November 14th.

As you recall Diane Moore explained the proposed law regarding critical habitat and how it will impact our area. She has provided the attached text to help you write a letter. Please include your name and address on the letter proper, not just on the return address. (You can also just date, sign with your address the enclosed and mail.)

Time is of the essence and this letter must be received by Nov 22, 2002.

Thank you.

Best Regards,



Carol Backert

Chairman

Southeast Area CPAC

10350 Reigl Road

Wilton, Ca 95693

(916) 687-7381



CPP 2100.01



FILE

CC: KEVIN HUDSON
COLIN TAYLOR

November __, 2002

U.S. Fish and Wildlife Service
Attn: Field Supervisor
2800 Cottage Way, Room W-2605
Sacramento, CA 95825

Subject: Comments on Critical Habitat Designation, Proposed Rule

Ladies and Gentlemen:

I am writing today to object to the Critical Habitat Designation for four vernal pool crustaceans and eleven vernal pool plants in California and southern Oregon, as outlined in the September 24, 2002 Federal Register. I object to this proposal for the following reasons:

1. The proposal was made without adequate consideration given to the economic effects of such a designation.
2. The U.S. Fish and Wildlife Service has not conducted a thorough enough scientific analysis to demonstrate that designation of proposed areas is essential to the survival of this group of species.
3. Some of the areas proposed for designation appear politically, rather than scientifically based, with polygon boundaries following arbitrary lines such as county lines.
4. The majority of the areas proposed are on private property.
5. The U.S. Fish and Wildlife Service has not made the information readily available to potentially affected parties, has not provided adequate noticing, nor adequate time for Public Comment.
6. The U.S. Fish and Wildlife Service has not demonstrated that the proposed designation provides protection to listed vernal pool species above and beyond that already afforded by their listing status.

I am hereby requesting that the Public Comment Period be extended for at least 60 days after the Economic Analysis is made available for Public Review. Further, I request that I be notified of the availability of the Economic Analysis in a timely manner, via U.S. Mail.

Thank you for the opportunity to submit these preliminary comments.



**CALIFORNIA
ENERGY
COMMISSION**

1516 Ninth Street
Sacramento, CA 95825-5512
800-822-6228
www.energy.ca.gov

**ELECTRONIC PROOF OF SERVICE LIST
Revised 4/30/03**

SMUD's COSUMNES POWER PLANT PROJECT
APPLICATION FOR CERTIFICATION,
DOCKET NO. 01-AFC-19

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I declare that I transmitted the foregoing document via e-mail, or as indicated by first class postal mail, to the above named on the date indicated thereby. I declare under penalty of perjury that the foregoing is true and correct.

John L. Carrier, J.D.
Program Manager
CH2M HILL